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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/615,117
				Filing Date	07/07/2003
				First Named Inventor	Barin Haskell
				Group Art Unit	2613
				Examiner Name	An, Shawn S.
SHEET	1	OF	3	Attorney Docket Number	APLE.P0035

U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>SP</i>	1.	6,493,385	B1	Sekiguchi, et. al.	12-10-2002	
<i>SP</i>	2.	6,493,386	B1	Vetro, et. al.	12-10-2002	Counterpart patent to EP 1170954 Please see Int'l Search Report (10-01-2004) Form PCT/ISA/210, sheet 7
<i>SP</i>	3.	6,490,320	B1	Vetro, et. al.	12-03-2002	Counterpart patent to EP 1170954 Please see Int'l Search Report (10-01-2004) Form PCT/ISA/210, sheet 7
<i>SP</i>	4.	6,574,279	B1	Vetro, et. al.	06-03-2003	Counterpart patent to EP 1170954 Please see Int'l Search Report (10-01-2004) Form PCT/ISA/210, sheet 7

RELATED U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document Number		Date of filing MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
	5.	US 2004/0131121	A1	07-08-2004	Dumitras, et. al.	This is attorney docket number APLE.P0040, a related application

FOREIGN PATENT DOCUMENTS								
Examiner* Initials	Cite No. ¹	Foreign Patent Document			Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code (if known) ⁵				
	6.	EP	1170954	A1	01-09-2002	Mitsubishi Electric Corp.		
	7.	WO	9922525	A1	05-06-1999	Mitsubishi Electric Corp.	Counterpart publication to US 6493385 Please see Int'l Search	

Examiner Signature		Date Considered	2/3/06
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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FOREIGN PATENT DOCUMENTS							
							Report (10-01-2004) Form PCT/ISA/210, sheet 7
<i>SR</i>	8.	AU	3054701	A	08-20-2001	Mitsubishi Electric Corp.	Counterpart patent to EP 1170954 Please see Int'l Search Report (10-01-2004) Form PCT/ISA/210, sheet 7
<i>SR</i>	9.	WO	0160075	A1	08-16-2001	Mitsubishi Electric Corp.	Counterpart patent to EP 1170954 Please see Int'l Search Report (10-01-2004) Form PCT/ISA/210, sheet 7
	10.		International Search Report		10-01-2004		International Search Report for APLE.P0040PCT

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Not
Found*

Examiner Signature		Date Considered	2/3/06
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






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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	11.	WIEGAND T., et. al., "Lagrange Multiplier Selection in Hybrid Video Coder Control," <i>Proceedings 2001 International Conference on Image Processing</i> , October 7, 2001, pages 542-545, vol. 1 of 3, conf. 8, IEEE, US.		
	12.	MEI-YIN, SHEN, et. al., "Fast Compression Artifact Reduction Technique Based on Nonlinear Filtering," <i>Proceedings of the 1999 IEEE International Symposium on Circuits and Systems</i> , May 30, 1999, pages 179-182, IEEE, US.		
	13.	SCHWARZ, H., et. al., "An Improved H.26L Coder Using Lagrangian Coder Control," <i>ITU Telecommunications Standardization Sector Study Group 16</i> , October 18, 2001, pages 1-8, (whole document).		
	14.	SEGALL C. A., et. al., "Pre- and Post-Processing Algorithms for Compressed Video Enhancement," <i>Conference Record of the 34th Asilomar Conference on Signals, Systems, & Computers</i> , October 29, 2000, pages 1369-1373, vol. 2 of 2, conf. 34, IEEE, US.		
	15.	SEUNGJOON, YANG, et. al., "Blocking Effect Removal Using Regularization and Dithering," <i>1998 International Conference on Image Processing</i> , October 4, 1998, pages 415-419, IEEE Comput. Soc., US.		
	16.	MEI-YIN, SHEN, et. al., "Real-time Compression Artifact Reduction Via Robust Nonlinear Filtering," <i>1999 International Conference on Image Processing</i> , October 24, 1999, pages 565-569, IEEE, US.		
	17.	DUMITRAS, A., et. al., "Enhancement of Direct Mode Selection in B Pictures for Bit Rate Reduction of Compressed Video Sequences," <i>2003 International Conference on Image Processing</i> , September 14, 2003, pages 825-828, vol. 3, IEEE, US.		
	18.	KOSSENTINI, F., et. al., "Predictive RD Optimized Motion Estimation for Very Low Bit-Rate Coding," <i>IEEE Journal on Selected Areas in Communications</i> , December 1, 1997, pages 1752-1763, vol. 15, no. 9, IEEE Inc., New York, US.		
	19.	ZHU Q.-F., et. al., "Image Reconstruction for Hybrid Video Coding Systems," <i>Data Compression Conference</i> , March 24, 1992, pages 229-238, IEEE Comput. Soc., US.		

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